

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A radially expansible luminal prosthesis comprising: a cylindrical frame having a distal end, a proximal end, a midsection therebetween, and an outer surface for insertion into a body lumen, wherein the cylindrical at least one end portion of the said frame includes has a continuous circumferential section comprising stainless steel having a constant that has a radial thickness and a layer of radiopaque material coated over the entire stainless steel frame, wherein the radiopaque material is thicker at at least one of the proximal end and the distal end greater than a radial thickness of a continuous circumferential section of the midsection.

Claim 2. (Canceled).

3. (currently amended) The radially expansible luminal prosthesis as in claim 12, wherein the radiopaque material is selected from the group consisting of gold, platinum, platinum, iridium, tungsten, and tantalum.

Claims 4 - 7 (Canceled).

8. (currently amended) A radially expansible luminal prosthesis having a plurality of interconnected ring segments, comprising:

- a. a first end ring segment;
- b. at least one intermediate ring segment which is longitudinally spaced from the first end ring segment and which has a continuous circumferential section having a thickness;
and

c. a second end ring segment which is longitudinally spaced further from the first ring segment than the at least one intermediate ring segment and which has a continuous circumferential section surrounding the second end ring segment having a radial thickness; and radiopaque material coating each of the ring segments, wherein the radial thickness of the radiopaque material is greater on at least one of the end segments greater than the radial thickness of the continuous circumferential section of the at least one intermediate ring segment.

9. (previously presented) The intraluminal prosthesis of claim 8, wherein the at least one intermediate ring section is proximally adjacent to the second ring segment.

Claims 10 -11 (canceled).

12. (currently amended) The intraluminal prosthesis of claim ~~8~~11, wherein the radiopaque coating on the continuous circumferential section of the second ring segment is formed by dipping the second ring segment of the prosthesis in a bath of radiopaque material.

Claim 13. (Canceled).

14. (previously presented) The intraluminal prosthesis of claim 8, wherein the second ring segment is at a distal end of the prosthesis.

Claims 15 - 17. (Canceled).

18. (currently amended) The intraluminal prosthesis of claim ~~8~~11, wherein the radiopaque coating on the continuous circumferential section of the first ring segment is formed by dipping the first ring segment of the prosthesis in a bath of radiopaque material.

Claim 19. (Canceled).